



# Powerbox Pro

## ENERGY STORAGE SOLUTIONS

LiFePO4 chemistry battery with safe performance and longer cycle life, offers you various capacities options to meet different requirements.

**APP Monitoring • Various Installation • IP65 Protection • Flexible Expansion**

## Features and Advantages



**APP Monitoring**  
Remote upgrade available



**Easy to Install**  
Plug and play



**Expandable**  
5 systems in parallel with a capacity of up to 51.2kWh



**High Safety**  
LFP & smart BMS



**Wide Compatibility**  
Matching with leading inverter brands



**IP65**  
High protection level

## Technical Parameters

Model	Powerbox Pro
Battery Type	LiFePO4
Nominal Battery Energy	10.24kWh
Nominal Capacity	200Ah
Nominal Voltage	51.2V
Working Voltage	44.8-57.6V
Recommend Output Power	5.12kW
Max Output Power	7.68kW
Recommended Charge/Discharge Current	100A
Max.Charge/Discharge Current	150A
Peak Power Charge/Discharge Current	200A(15s)
Depth of Discharge	90%
Net Weight	103kg
Dimension[W*D*H]	555*210*928mm
Charging Temp. Range	0~55°C
Discharging Temp. Range	-20~55°C
Communication	CAN/RS485/RS232
Warranty	10 Years
Warranty Document Supplied	Yes
Calendar Life <sup>[1]</sup>	≥6000 Cycles
Protection Level	IP65
Expansion	Up to 5 units in parallel
Color	White
Alarms	Overcharge/Overdischarge/Overcurrent/Overtemperature/Short Circuit
Monitoring & Protection	Each system has smart BMS, breaker embedded in system
Pros	Can be used in both off-grid and hybrid setups, compact design, modular expansion
Compatible Inverters	Victron/SMA/Goodwe/Imeon/Solis/SAJ/Growatt/Luxpower/Voltronic/Deye etc.
Certification & Safety Standard	CE/UN38.3/IEC62619/IEC62040 undergoing

[1]Test conditions:0.2C Charging/Discharging,@25°C,80% DOD